

Section 9814 – Santa Barbara Channel Islands

ACP 4



Channel Islands with Ecologically Sensitive Sites Indicated

Section 9814 – Channel Islands

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Channel Islands Response Overview

Intro

The five northern Channel Islands (Anacapa, Santa Cruz, Santa Rosa, San Miguel and Santa Barbara) and the associated waters surrounding the islands pose significant challenges to spill response. This section will cover some of the general islands-wide issues that must be taken into consideration before any response operations are conducted on the islands. Due to the geographic proximity of Santa Barbara Island to Los Angeles and the corresponding proximity to Los Angeles County response resources, Santa Barbara Island has been included in ACP 5 – Section 9841. However, any response upon Santa Barbara Island must also take into consideration the following issues. The Santa Barbara Island sensitive site pages reference this document accordingly.

Description

The Channel Islands described here and the surrounding one nautical miles of water are all part of the Channel Islands National Park (CINP) while the surrounding 6 nautical miles of water are part of the Channel Islands National Marine Sanctuary (CINMS). The State of California has jurisdiction over the living marine resources within 3 miles of the islands. CINP consists of 390 m² (half of which is under water) while the CINMS consists of a total of a 1,252-square-nautical-mile area of ocean surrounding the islands. Roughly 75% of Santa Cruz Island is owned and managed by the Nature Conservancy, a private, non-profit organization. The islands and the surrounding waters hold significant biological, archeological, and cultural resources that are at risk from oil spills. These resources include but are not limited to: federal and state listed endangered species, large sea bird and marine mammal populations, Native American archeological sites, and shipwrecks.

Logistics

The only way to gain access to the Channel Islands is by boat or aircraft. The nearest harbors are located in the cities of Santa Barbara and Ventura; except for Santa Barbara Island (which is further south and is better accessed from Los Angeles/Long Beach Harbors). Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland. Aircraft usage within or above the CINP is difficult due to complex take-off and landing conditions as well as biological restrictions (see Response Limitations and Bio-Security below for more information). Channel Islands Aviation, based out of the Camarillo Airport, is well equipped and experienced with flying and landing within the CINP. Aspen Helicopter is also familiar with the islands.

There are very few locations upon the islands that can serve as staging areas and even fewer opportunities for housing response personnel. If it is necessary to set up equipment staging or to house response personnel on the islands, it is essential that the incident command work closely with CINP representatives in order to establish appropriate locations.

Communications:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio. Channel 16 on marine VHF is normally monitored during working and later hours. Each island ranger is equipped with a hand held radio.

Response Limitations and Bio-security

Due to the special biological and cultural significance of the Channel Islands, mounting any response actions within the CINP and the CINMS presents unusual difficulties.

Each island presents its own limitations which can change based upon weather or time of the year. The specifics of these are listed below in the Island Specific Logistics section but there are some general restrictions and limitations that are island wide and always in force. Any variation from these restrictions must be done with express permission of CINP representative.

- Bio-security: the prevention of the introduction of non-native and/or invasive species onto the islands is of paramount importance. All response activities within the CINP must comply with the limitations and requirements of the Bio-security Protocols listed in the following section.
- Private aircraft may not land within park boundaries. All aircraft must maintain a minimum 1000-foot altitude above land and sea surfaces within the park.
- Fires and smoking are not permitted except in designated areas.
- Landing is not permitted on offshore rocks and islets.
- Collecting of plants, rocks, animals and artifacts is prohibited without a permit from the CINP.

Contacts

Each site summary lists the key contacts for response within the CINP and CINMS. Since the contact list for each site is the same, the list is reprinted here for easy access.

Channel Islands National Parks Contacts

Channel Islands National Park Dispatch (Office) (8 Am to 4:30 Pm; 7 days a week)	805-658-5720
Chief Ranger (Park Oil Spill Coordinator) Jack Fitzgerald	(Office) 805-658-5717 (Cell) 805-218-0251 (Home) 805-647-1807
Superintendent Channel Islands National Park (Agency Representative) Russell E. Galipeau, Jr.	(Office) 805-658-5702 (Cell) 805-451-2199 (Home) 805-499-4109
Alternate Supervisory Ranger Mike Morales	(Office) 805-658-5740 (Home) 805-477-0722 (Cell) 805-804-0057
Chief, Natural Resources Management Kate Faulkner	(Office) 805-658-5709 (Cell) 805-218-8221 (Cell) 805-804-0044
Archeologist Kelly Minas	(Office) 805-658-5754
Marine Biologist Dan Richards	(Office) 805-658-5760 (Cell) 805-794-3756

Channel Islands National Marine Sanctuary Contacts

Channel Islands National Marine Sanctuary 24 Hour Emergency Pager	(Pager) 877-982-2617
Emergency Response Officer Ben Waltenberger	(Cell) 805-729-3082 (Office) 805-884-1461
Sanctuary Superintendent Chris Mobley	(Cell) 805-259-6540 (Office) 805-884-1465
Sanctuary Deputy Superintendent Todd Jacobs	(Cell) 805-455-1981 (Office) 805-884-1470
Channel Islands NMS Main Office (0800-1700)	805-966-7107

Island Specific Logistics

Anacapa

Aircraft Runways: None

Vessel Landing Areas: Landing Cove (north face of island on the east end). Caution-monitor sea conditions and depth before attempting approach.

Anchorage: Frenchy's Cove (north face of island near West and Middle Anacapa isthmus).

Landing Cove (north face of island on the east end). East Fish Camp (south face of island on east end of Middle Anacapa).

Staging Areas: None

Personnel Lodging: Campground on East Anacapa

Roads & Vehicles: None

San Miguel:

Aircraft Runways: Primitive airstrip near ranger station at Lester Ranch.

Vessel Landing Areas: None

Anchorage: Cuyler Cove (north-center of island). Tyler Bight (southwest side island near Pt Bennett site boundary).

Staging Areas: None

Personnel Lodging: None

Roads & Vehicles: None

Santa Cruz:

Aircraft Runways: Several primitive airstrips around island (consult CINP).

Vessel Landing Areas: Prisoners Harbor (Northeast face of center of island). Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

Anchorage: At least 2 dozen possible anchorages around the island. Most on the eastern half.

Staging Areas: Several possible staging areas (consult CINP)

Personnel Lodging: Several campgrounds (consult CINP)

Roads & Vehicles: Passenger vehicles, bulldozer, and tractor(s). Note: many roads impassable in wet conditions.

Santa Rosa:

Aircraft Runways: Primitive airstrip near ranger station near Water Canyon.

Vessel Landing Areas: Bechers Bay landing dock is on the northeast side of island near the ranger station. Caution: monitor sea conditions and depth before attempting approach.

Anchorage: Several possible anchorages around island (consult CINP)

Staging Areas: Several possible staging areas (consult CINP)

Personnel Lodging: Campground near runway.

Roads & Vehicles: Passenger vehicles and a tractor. Note many roads impassable in wet conditions.

Santa Barbara:

Aircraft Runways: None

Vessel Landing Areas: Landing Cove (northwest face of island) Caution: monitor sea conditions and depth before attempting approach.

Anchorage: Landing Cove (northwest face of island).

Staging Areas: None

Personnel Lodging: None

Roads & Vehicles: None

Biosecurity Protocols - Preventing the introduction of non-native species to Channel Islands National Park

Background and Rationale

The Channel Islands National Park was established to conserve the rich biological ecosystems of five islands and nearby rocks and islets. The naturally small populations found on islands can be easily driven to extinction by new introductions and, therefore, islands are unusually vulnerable to the impacts of new invaders.

It is much more cost effective to prevent the arrival of introduced species than to attempt to eradicate after arrival. In many cases, it may be impossible to eliminate a pest once it has arrived.

Protocols:

Personal Gear -

- Maximum use of hard sided boxes. Any cargo packaged and stored overnight must be stored in a hard-sided box. Food may only be stored in containers that are totally sealed (i.e. hard-sided box with a tight fitting top and no holes). The park has purchased a number of plastic boxes with lids that can be used by anybody traveling on park boats or flights.
- Minimize use of megabags. Megabags need to be shaken out prior to each loading. They need to be clean. Megabags should never be loaded except immediately prior to being slung onto a boat. No supplies left in a megabag overnight will be loaded onto a boat without first unloading and inspecting all of the gear.
- No corrugated cardboard boxes may be used to transport food. No corrugated cardboard boxes that are second-hand use (i.e. banana boxes) may be used for any reason.
- All other corrugated cardboard is discouraged. However, items (not food) in original cardboard packing (preferably sealed) may be used. The park will assess the level of risk that is posed by new boxes.
- Personal gear should be stored in clean, pest-free conditions at home. Gear should be cleaned and packed. Boots, sleeping bags, tents, nets should be cleaned prior to packing.
- All footwear, clothing, and gear (especially Velcro, shoelaces, cuffs, and boot lugs) should be clean and inspected for seeds and soil before departing for the islands, when boarding boats, and when moving between islands.

Equipment and Supplies -

- Equipment (large and small) should be stored and transported in a manner which prevents the attraction or transport of seeds, invertebrates, vertebrates and pathogens. Wherever possible, gear should be loaded into, stored and transported in containers with tight fitting lids that can prevent access by mobile species such as invertebrates and vertebrates (such as rodents). Corrugated cardboard boxes should be avoided to transport equipment and gear as the corrugations provide hiding places for invertebrates such as earwigs, beetles, and ants.
- Gear and equipment should NOT be left or stored where it is at risk for attracting and harboring potential non-native species prior to departing. For example, leaving large equipment in the open is a dangerous practice; it provides cover and food for rodents and insects. Gear that is left out in the open may also be exposed to potential weed seeds blown around or carried by other species. Types of safe storage units include plastic or metal containers with tight fitting lids, conex boxes, inside park buildings, or cold (freezer) storage.
- During the loading and unloading process all containers used in transport (e.g. dumpsters) should be cleaned of any item that may have spilled, especially foodstuffs, plant materials

and soil. This practice will reduce the risk of attracting insects, rodents or other pest species

Lumber and Wood Products -

- Lumber should only be used if it is clean, new, processed lumber from California.
CAUTION: California Pine could contain blister rust or pitch canker and California Oaks could have the pathogen that causes Sudden Oak Death. All lumber must be certified pest and pathogen-free by either the distributor or the Park before use on the islands.
- Bundled lumber should be taken apart, inspected thoroughly, and restacked before leaving the mainland as it could harbor animals and/or seeds. The only exception is if a wholesale supplier has certified lumber pest and pathogen-free and it is tightly bundled and closely packed. Ideally, lumber should be inspected and cleaned before bundling.
- Under no circumstances should firewood or any unprocessed lumber with bark be allowed on the Channel Islands. Bark can provide habitat to many invertebrates and could carry pathogens such as pine blister rust, pitch pine canker, and Sudden Oak Death.
- All wood products should be processed and ideally treated, with no traces of bark or soil.

Waste -

- The build up and disposal of waste is a significant issue on the Channel Islands. A waste management and disposal plan should be designed with CINP input and buyoff as early as possible in the response.

Dumpsters -

- Dumpsters are a large risk for transport of non-native animals. Whenever possible, dumpsters should not be used for personal food wastes. These should be taken off by the individual generating the waste.
- Dumpsters may only be used for construction and/or spill clean-up projects and will be located in a manner that they will not be used for food materials.
- Under no circumstances should dumpsters go to the islands with any garbage. The inside and outside, including the wheels, of the dumpsters should be pressure washed and treated with a disinfectant solution before leaving the mainland.
- Dumpsters must be inspected, emptied, and cleaned before departing the mainland for the islands.
- Under no circumstances should dumpsters move between islands.

Ground Vehicles -

- All vehicles should be washed and inspected prior to departure, especially earth moving and heavy equipment such as vehicles, tractors, shovels, and associated construction equipment. In particular, equipment should be cleaned of soil and vegetative matter before being leaving their departure point, be this mainland or island.
- Heavy equipment (especially construction and earth moving equipment) should not be allowed to move between islands without: 1) being transported first to the mainland and cleaned; or 2) being cleaned on island prior to moving. In some situations it may be necessary to clean equipment while at sea but this should not be routine. Not only is this difficult and dangerous, the boat itself could become a vector for removed contaminants.
- All vehicles should be washed and inspected to ensure no transport of soil or vegetative matter. Using a hoist for washing is ideal; special attention should be paid to the undersides and insides of vehicles.

Vessels -

- Every boat shall have armed bait boxes that are checked monthly. Also, sticky traps should be deployed on every boat and changed monthly.
- Boat decks should be washed clean between cargo runs. No soil or other debris should remain on a boat.
- Any sign of rodents on a boat should be reported to the Superintendent.

- Any landing craft should be trapped intensively using a combination of bait boxes, snap traps, and sticky traps when a load is placed on the boat.
- No scrubbing of boat bottoms at the islands. Vessels should be cleaned in the harbor or offshore.

Planes -

- Planes should follow the same rules for containers and food storage as do boats.
- Planes should be maintained in a clean manner and routinely be swept out.
- The presence of yellow star-thistle at the landing strip at Santa Cruz Island poses a risk to the other islands. If a flight is to visit multiple islands, Santa Cruz should be the last island visited. An aircraft should never go from Santa Cruz Island to another park island.
- Planes and helicopter shall have their landing gear and passenger compartments of their aircraft cleaned and inspected prior to leaving the mainland.

Soil & Gravel -

- The transportation of soil and gravel from the mainland to islands is discouraged. If material is to be transferred, it must be freshly dug and transported to an island as soon as possible. Material that is held on the mainland must be tarped to protect from non-native seeds. The site where soil or gravel is deposited on an island will be mapped and provided to the Chief of Natural Resource for monitoring.

Education -

- Education is the best defense against the introduction of non-native plants and animals to the islands. Prior to responders departing for the islands, CINP personnel shall give an overview of the dangers and precautions necessary to mitigate those dangers to response personnel.

9814.1 Environmentally Sensitive Sites

The purpose of this section is to provide background, definitions, and philosophy behind the Site Summary and Strategy Sheets in ACP Section 9800. Both Federal and State laws require that sites having special ecological sensitivity be identified and provisions be made to protect or otherwise mitigate for the site impacts from spills. In California these locations are termed "Sensitive Sites". A narrative and diagram of each site with specific ecological and operational information has been developed.

The development of specific protection strategies to meet the site specific needs was conducted using a standardized protocol to ensure consistency for California's entire coast. The process of site visits, training exercises, and discussions allows trustees and response experts to exchange concerns and feasibility limitations in forming protection strategies. Using this approach, the local area committee incorporates input of State and Federal trustees, and stakeholders (industry, spill response co-ops and contractors, non-governmental environmental groups, and other agencies) to form consensus on the appropriate site protection strategies and response resources. The committee will revise strategies based on new knowledge and to adapt to changing conditions.

The environmental sensitivity differs by location or season depending on conditions or the presence of species. A ranking index was developed in order to identify the relative protection priority of sites. These ranks define the environmental sensitivity of the area and its resources at risk. Accordingly each site is ranked A, B, or C based on the following definitions:

Category A - Extremely Sensitive - first priority for protection:

Wetlands, estuaries and lagoons with emergent vegetation (marsh-riparian ESI 10) Sheltered tidal flat (ESI 9); and Habitats for rare, threatened or endangered species (State or Federal); Sites of significant concentrations of vulnerable and sensitive species (e.g. pinniped pupping)

Category B - Very Sensitive - second priority for protection

Major pinniped haulout areas during non-pupping seasons; Moderate concentrations of vulnerable and sensitive species; other low energy habitats (ESI types 8A, 8B, 7 and 6B)

Category C - Sensitive - third priority for protection

Higher energy habitats (ESI 6A through 1) for example: *Habitats important to large numbers of species of sport, commercial value, and scientific interest or species experiencing significant population declines though not yet threatened.*

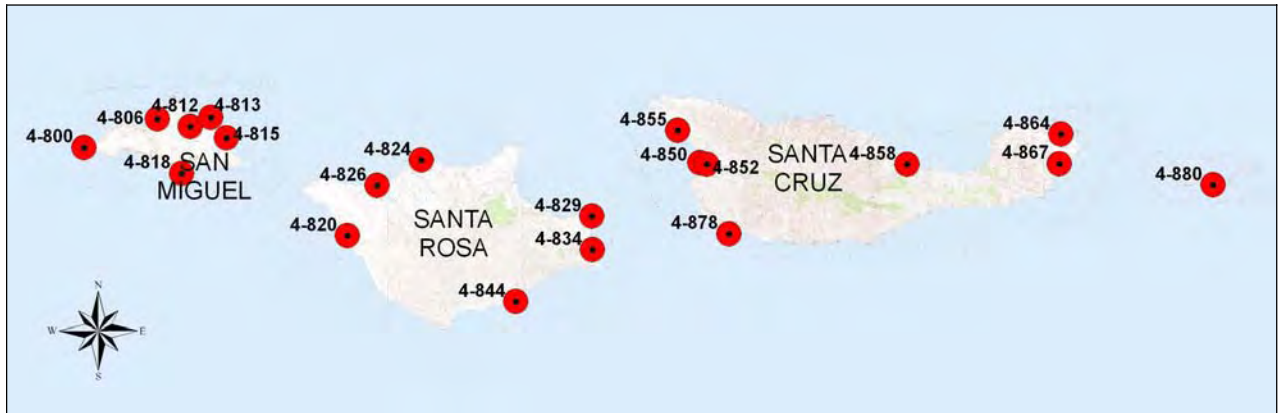
This section provides detailed information on Environmentally Sensitive Sites in the Channel Islands. Each site is described on three sections: Site Summary, Site Strategy, and Diagram. The Site Summary page provides a brief description of the site including location, access, specific concerns, agency contacts, etc. The Site Strategy page provides specific information on response strategies to be implemented to protect the site from marine oil spills as well as recommended resources, site logistics, and

access information. These Site Strategies are intended as guidelines to assist responders during the initial hours of a spill response. The Diagram page shows the protection strategies, topography and roads.

The intent of the site strategies is to provide initial recommendations to protect the site until actual conditions and needs at sensitive sites can be determined to provide appropriately modified strategies. In other words, strategies presented here are flexible and may require modification in real response situations. The strategies provided here are the best available response options for foreseeable typical wind and current conditions at the respective sites. Those conditions may not prevail at the time of the spill. Responders and planners may need to adjust strategies to meet the needs presented by prevailing conditions; following the initial emergency response many sites may have alternative strategies to accommodate differences in conditions.

Most sites have more than one protection strategy. These additional strategies may be used as back-ups to the primary protection strategy or as alternatives to accommodate prevailing conditions. It should be understood that the described strategies are intended as initial protection strategies for the first 24 hours of a spill. Additional or modified protection measures should also be considered.

Channel Islands – Sensitive Sites



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4-878-A	Santa Cruz Island: Punta Arena to Near Point	77
4-880-A	Anacapa Island	81

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4-800 -A Site Summary - San Miguel Island: Point Bennett Area**4-800 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island West**Thomas Guide Location:** NA

34.030

120.451

SITE DESCRIPTION:

Last Page Update : 10/1/2005

From Tyler Bight to Otter Harbor Pt. The Pt Bennett area has vertical rock cliffs, exposed wave-cut platforms, and medium to coarse-grained sand beaches. This is a prime pinniped haul out, pupping, and breeding area. This is also one of the largest seabirds nesting areas in southern California. Castle Rock Island is a large exposed vertical rocks pinnacle offshore.

SEASONAL and SPECIAL RESOURCE CONCERNS

All year for high concentrations of marine mammals pupping and breeding and nesting seabirds.

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

March through July for nesting seabirds. All year for high concentrations of sea birds.

Nesting seabirds include: Snowy plover (Mar - Sept), brant's cormorant, western gull, ashly storm petrel, pigeon guillemot, and cassin's auklet. Castle Rock: Ashy storm-petrel (Feb-Nov), Brandt's cormorant (Feb-Aug), Cassin's auklet (Mar-Sep), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Black oystercatcher (Mar-Sep), Peregrine falcon, Rhinoceros auklet (May-Sep), Tufted puffin (Apr-Nov), Pelagic cormorant (Mar-Sep), Double crested cormorant (Mar-Aug), Leach's storm-petrel (Feb-Oct).

Harbor seals, northern fur seals, guadalupe fur seals, sea lions, and possibly several sea otters.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-800 -A Site Strategy - San Miguel Island: Point Bennett Area

4-800 -A

County: Santa Barbara

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: San Miguel Island West

Thomas Guide Location: NA

34.030

120.451

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 10/1/2005

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

NO SITE SPECIFIC ONSHORE PROTECTION STRATEGY FEASIBLE: There are no practicable onshore response strategies for protecting onshore and nearshore resources in this area. Attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Table of Response Resources

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Only by boat (access by boat generally not practice) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. From Tyler Bight to Otter Harbor Pt.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

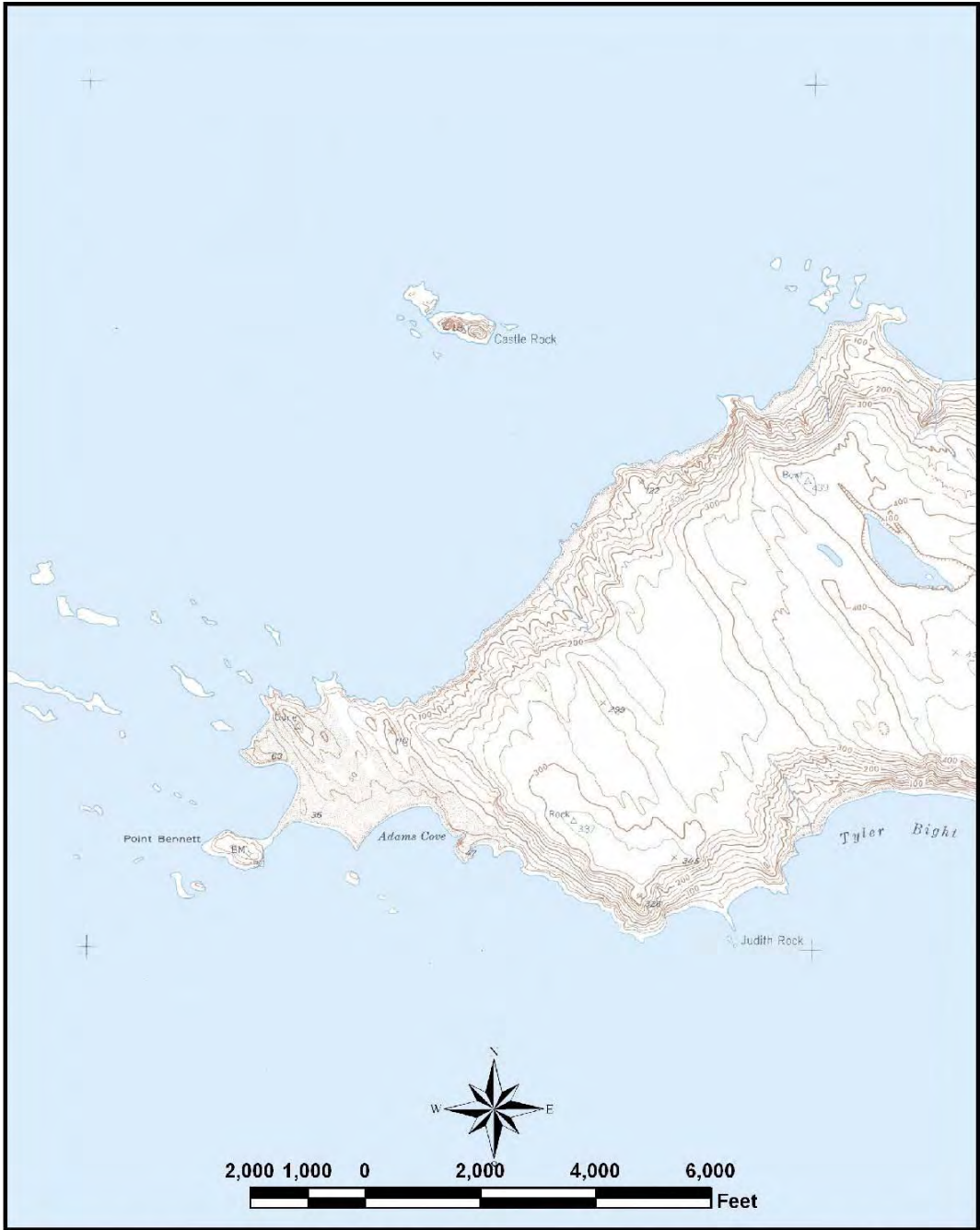
None.

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-800 Name: San Miguel Island, Point Bennett area Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-806 -A Site Summary - San Miguel Island: East Simonton Cove**4-806 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island West (**Thomas Guide Location:** NA

34.055

120.390

SITE DESCRIPTION:**Last Page Update :** 5/15/2008

Northwest central part of Island in between Otter Harbor to Harris point. East Simonton Cove area is primarily exposed wave-cut rock platforms. The areas offshore of this site are included in the Harris Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

A: March through August: nesting seabirds; December through August: marine mammal pupping and breeding

B: All year for marine mammal and seabird concentrations and for important intertidal resources

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Nesting birds include: Brandt's and pelagic cormorants, black oystercatcher, snowy plover, peregrine falcon, and western gull.

Harbor seals, Northern elephant seals, California Sea Lions.

Important intertidal resources including abalone.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

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T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-806 -A Site Strategy - San Miguel Island: East Simonton Cove**4-806 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island West (**Thomas Guide Location:** NA

34.055

120.390

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-806.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-806.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat (access by boat generally not practical) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Northwest central part of Island in between Otter Harbor to Harris point.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

None.

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-806 Name: San Miguel Island, East Simonton Cove Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-812 -A Site Summary - San Miguel Island: Cuyler Harbor**4-812 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island East**Thomas Guide Location:** NA

34.051

120.352

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Northeast central part of island. The east side of Cuyler Harbor is primarily medium to coarse-grained sand beach. Some of the areas offshore of this site are included in the Harris Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

March through Aug. for snowy plovers nesting.

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Western snowy plovers (Apr-Sep), Surf scoter.

Seal pupping (Dec-Apr)

Giant kelp.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-812 -A Site Strategy - San Miguel Island: Cuyler Harbor**4-812 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island East**Thomas Guide Location:** NA

34.051

120.352

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-812.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-812.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat (access by boat generally not practical) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Northeast central part of island.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

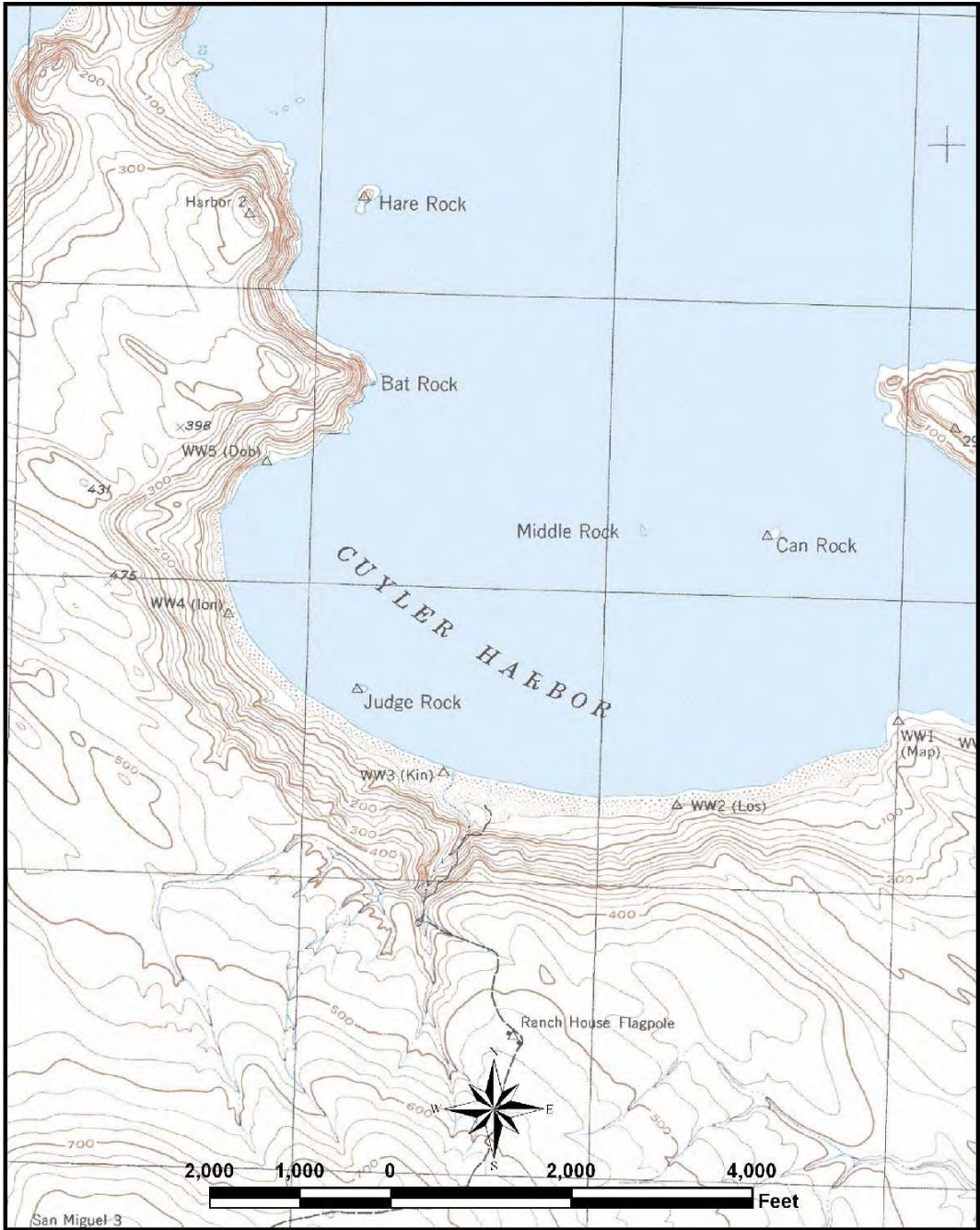
None.

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-812 Name: San Miguel Island, Cuyler Harbor Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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4-813 -A Site Summary - San Miguel Island: Prince Island**4-813 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island East**Thomas Guide Location:** NA

34.058

120.333

SITE DESCRIPTION:

Last Page Update : 10/1/2005

Located at north-east corner of San Miguel Island. Prince Island is a large, steep sided rock pinnacle off the north-east corner of San Miguel island. It has large populations of nesting seabirds.

SEASONAL and SPECIAL RESOURCE CONCERNS

March through July for nesting seabirds, All year for high concentrations of sea birds.

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Ashy storm-petrel (Feb-Nov), Brandt's cormorant (Feb-Aug), Cassin's auklet (Mar-Sep), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Black oystercatcher (Mar-Sep), Peregrine falcon, Rhinoceros auklet (May-Sep), Tufted puffin (Apr-Nov), Pelagic cormorant (Mar-Sep), Double crested cormorant (Mar-Aug), Leach's storm-petral (Feb-Oct).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-813 -A Site Strategy - San Miguel Island: Prince Island

4-813 -A

County: Santa Barbara

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: San Miguel Island East

Thomas Guide Location: NA

34.058

120.333

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 10/1/2005

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

NO SITE SPECIFIC ONSHORE PROTECTION STRATEGY FEASIBLE: There are no practicable onshore response strategies for protecting onshore and nearshore resources in this area. Attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Table of Response Resources

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Only by boat (access by boat generally not practice) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Located at north-east corner of San Miguel Island.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

None.

COMMUNICATIONS PROBLEMS:












Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-813 Name: San Miguel Island, Prince Island Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

			SSS - Shoreside Skimming System
			SFS - Stationary Floating Skimmer
			SPS - Self Propelled Skimmer
			TSA - Towed Skimming Array

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4-815 -A Site Summary - San Miguel Island: Bay Point**4-815 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island East**Thomas Guide Location:** NA

34.042

120.318

SITE DESCRIPTION:

Last Page Update : 10/1/2005

Northeast side of island. The Bay Point area is primarily wave-cut rock platforms. The areas offshore of this site are included in the Harris Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

Jan. through June for harbor seals pupping and breeding. March through July for seabirds.

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Brandt's cormorant (Feb-Aug), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Black oystercatcher (Mar-Sep), Pelagic cormorant (Mar-Sep).

Harbor seals (Mar-Jun).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-815 -A Site Strategy - San Miguel Island: Bay Point

4-815 -A

County: Santa Barbara

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: San Miguel Island East

Thomas Guide Location: NA

34.042

120.318

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 10/1/2005

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

NO SITE SPECIFIC ONSHORE PROTECTION STRATEGY FEASIBLE: There are no practicable onshore response strategies for protecting onshore and nearshore resources in this area. Attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Table of Response Resources

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Only by boat (access by boat generally not practice) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Northeast side of island.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

None.

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-815 Name: San Miguel Island, Bay Point Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: Oct. 4, 2007

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-818 -A Site Summary - San Miguel Island: South Side**4-818 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island West (**Thomas Guide Location:** NA

34.028

120.417

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Located on the front side of San Miguel Island, from Tyler Bight to Cardwell Point. The south side of San Miguel island, from Tyler Bight area to Cardwell point area is primarily wave-cut rock platforms and medium to coarse-grained sand beaches.

SEASONAL and SPECIAL RESOURCE CONCERNS

March through July for nesting seabirds, Apr-Mar for snowy plovers.

RESOURCES OF PRIMARY CONCERN

San Miguel Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Important intertidal resources, including abalone.

Asy storm-petrel (Feb-Nov), Pelagic cormorant (Mar-Sep), Western gull (Mar-Sep), Western snowy plover (Apr-Sep).

Common dolphin, Harbor seal (Mar-Jun), Northern elephant seal.

Abalone.

Giant kelp

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-818 -A Site Strategy - San Miguel Island: South Side**4-818 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** San Miguel Island West (**Thomas Guide Location:** NA

34.028

120.417

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

San Miguel Island is the northernmost and farthest west of the Channel Islands, lying 55 miles northwest of Ventura. More than 100,000 seals and sea lions breed, pup, and haul out on the island's 27 miles of isolated coastline. Large numbers of sea birds nest on San Miguel and on nearby Prince Island. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-818.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-818.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat (access by boat generally not practical) or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Located on the front side of San Miguel Island, from Tyler Bight to Cardwell Point.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction High energy shoreline. Access by sea not practical.

Launching, Loading, Docking None.

and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

None.

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



October 1, 2008

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4-820 -A/B Site Summary - Santa Rosa Island: South West Beaches**4-820 -A/B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island West**Thomas Guide Location:** NA

33.925

120.180

SITE DESCRIPTION:

Last Page Update : 5/15/2008

The west end of Santa Rosa Island, from Sandy Point to Cluster Point. Primarily exposed wave-cut rock platforms and medium to coarse-grained sand beaches, with some offshore rock pinnacles.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through Aug. for marine mammals pupping and breeding. March through July for nesting seabirds, all year for important intertidal resources.

RESOURCES OF PRIMARY CONCERN

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Intertidal resources, including Black abalone.

Surf scooter, Black oystercatcher (Mar-Sep), Brandt's cormorant (Feb-Aug), Pelagic cormorants (Mar-Sep), Western gull (Mar-Sep), and Western snowy plover (Apr-Sep).

Harbor seals (Mar-Jun), Northern elephant seals, Common dolphin.

Black Abalone

Giant Kelp

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-820 -A/B Site Strategy - Santa Rosa Island: South West Beaches

4-820 -A/B

County: Santa Barbara

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: Santa Rosa Island West

Thomas Guide Location: NA

33.925

120.180

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-820.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-820.1								1		10	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. The west end of Santa Rosa Island, from Sandy Point to Cluster Point.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

Launching, Loading, Docking
and Services Available:

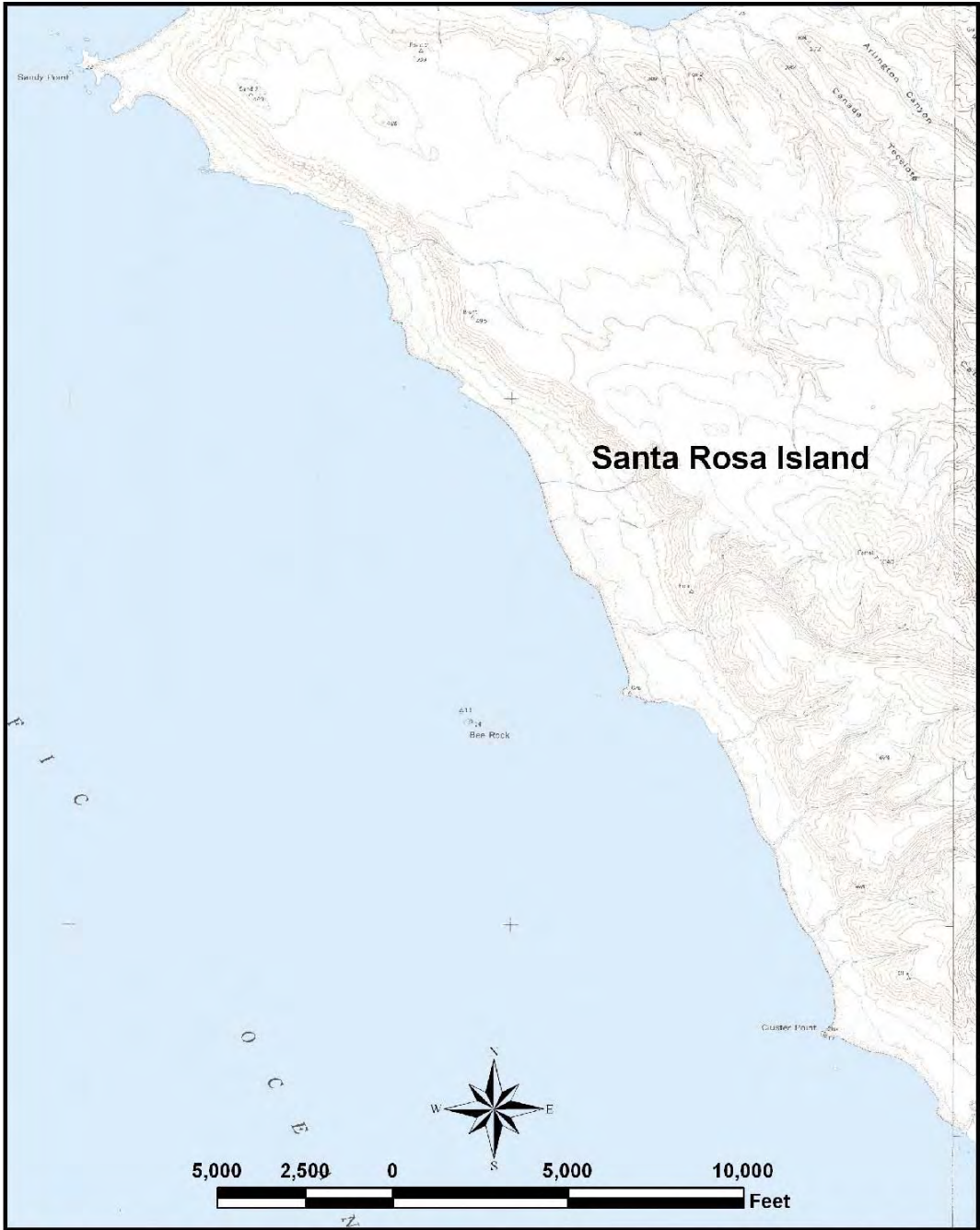
FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-820 Name: Santa Rosa Island, southwest beaches Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-824 -B Site Summary - Santa Rosa Island: North Area**4-824 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island North **Thomas Guide Location:** NA

34.018

120.150

SITE DESCRIPTION:

Last Page Update : 5/15/2008

The Northern part of Santa Rosa Island, from the East end of Sandy Point Beach to Carrington Point. Primarily exposed wave-cut rock platforms, vertical rock cliffs, and a few pocket sand beaches. The areas offshore of this site are included in the Carrington Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through June for harbor seals pupping and breeding. May through Aug. for Calif sea lions. March through Sept for nesting seabirds

All year for high concentrations of marine mammals, seabirds, and important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Black oystercatchers (Mar-Sep), Brandt's cormorant (Feb-Aug), Pelagic cormorants (Mar-Sep), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Peregrine falcon.

Harbor seals (Mar-Jun), California sea lion (May-Aug), Common dolphin.

Black abalone

Surfgrass beds, Giant kelp.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-824 -B Site Strategy - Santa Rosa Island: North Area**4-824 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island North **Thomas Guide Location:** NA

34.018

120.150

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-824.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-824.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. The Northern part of Santa Rosa Island, from the East end of Sandy Point Beach to Carrington Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**












Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-824 Name: Santa Rosa Island, north area Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

	Harbor / Curtain Boom		Sorbent boom		SSS - Shoreside Skimming System
	Swamp / River Boom		Berm, Dam, or Dike		SFS - Stationary Floating Skimmer
	all other boom types		Filter fence		SPS - Self Propelled Skimmer
			Boom tow		TSA - Towed Skimming Array

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4-826 -A Site Summary - Santa Rosa Island: Arlington Canyon Lagoon**4-826 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island North**Thomas Guide Location:** NA

34.005

120.177

SITE DESCRIPTION:

Northwest side of island

Last Page Update :

SEASONAL and SPECIAL RESOURCE CONCERNS**RESOURCES OF PRIMARY CONCERN**

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Wetland habitat.

Nesting shorebirds: Snowy plover (Mar - Sept).

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

County: Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island North **Thomas Guide Location:** NA

34.005

120.177

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update :

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

NO SITE SPECIFIC ONSHORE PROTECTION STRATEGY FEASIBLE: There are no practicable onshore response strategies for protecting onshore and nearshore resources in this area. Attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Table of Response Resources**LOGISTICS****DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Northwest side of island

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

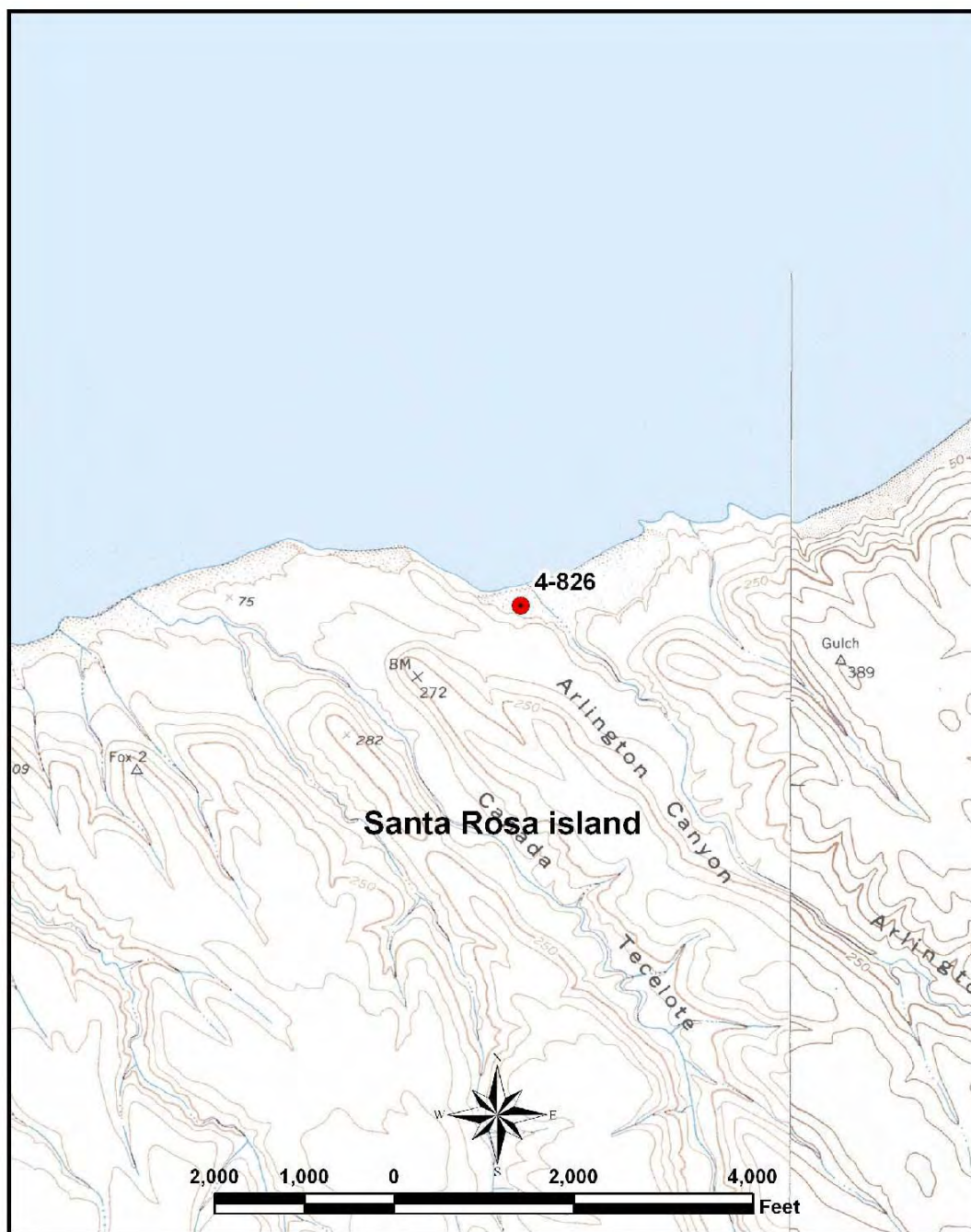
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-826 Name: Santa Rosa Island, Arlington Canyon Lagoon

Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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4-829 -A Site Summary - Santa Rosa Island: Skunk Point Area**4-829 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island South **Thomas Guide Location:** NA

33.987

120.025

SITE DESCRIPTION:

Last Page Update : 5/15/2008

The NE part of Santa Rosa Island, from the "Southeast Anchorage" area to East Point. Primarily medium to coarse-grained sand beaches and wave-cut rock platforms. Some areas offshore of this site are included in the Skunk Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through June for harbor seals pupping and breeding.

May through Aug. for Calif sea lions. March through July for nesting seabirds.

All year for high concentrations of marine mammals, seabirds, and important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Intermittant coastal wetlands.

Black oystercatchers (Mar-Sep), Brandt's cormorant(Feb-Aug), Pelagic cormorants (Mar-Sep), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Surf scooter, Waterfowl.

Harbor seals (Mar-Jun), Common dolphin, California sea lion (May-Aug).

Pismo clams.

Surf grass beds, Giant Kelp.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-829 -A Site Strategy - Santa Rosa Island: Skunk Point Area**4-829 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island South **Thomas Guide Location:** NA

33.987

120.025

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-829.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-829.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. The NE part of Santa Rosa Island, from the "Southeast Anchorage" area to East Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

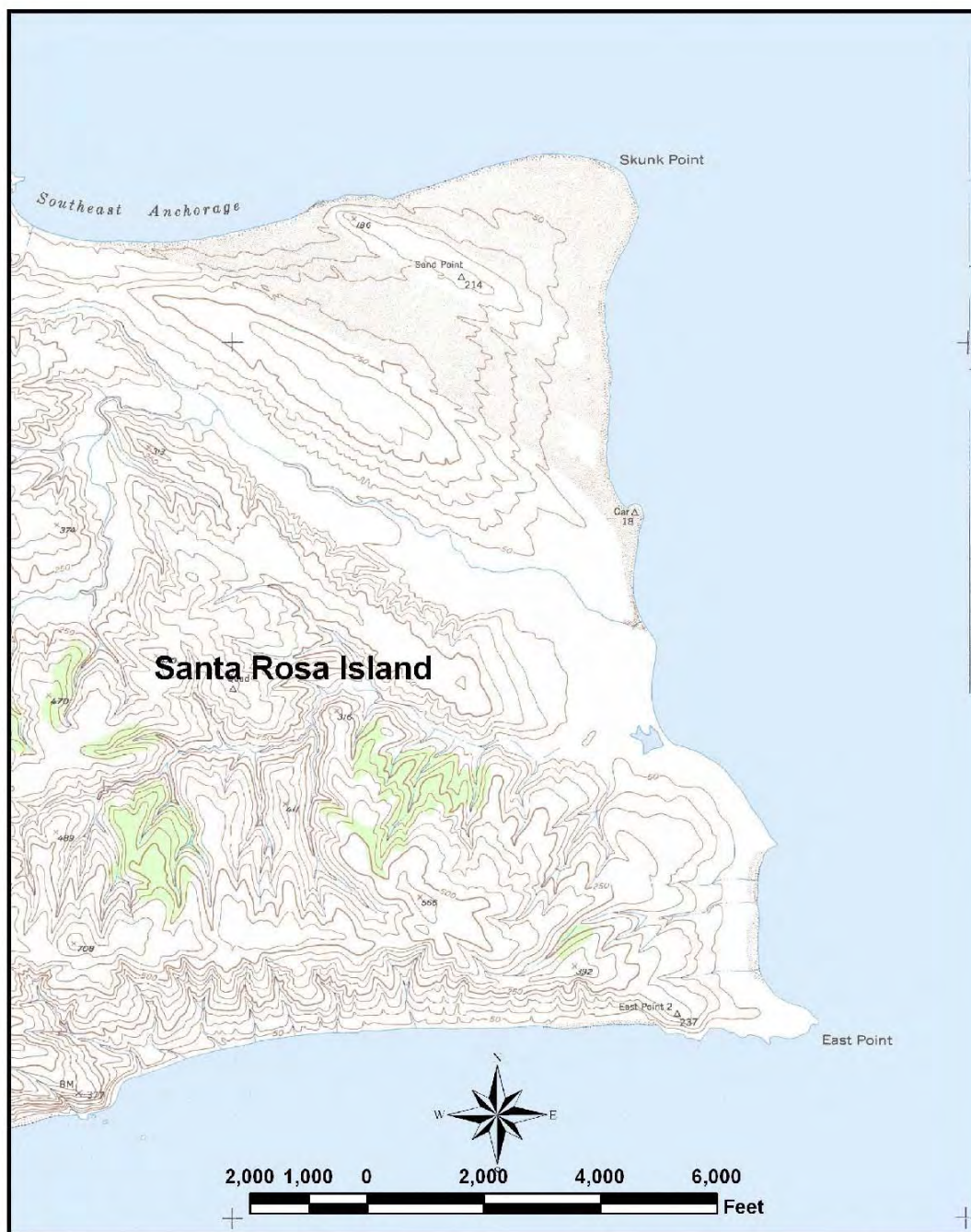
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

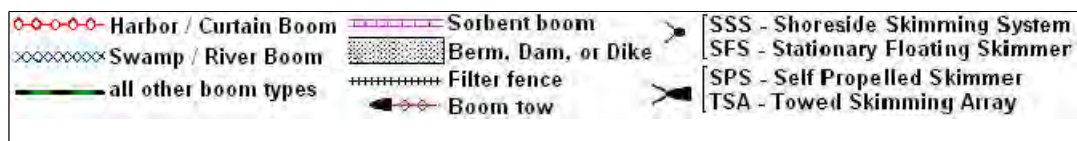
ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDEG - OSPR & USCG Site: 4-829 Name: Santa Rosa Island, Skunk Point area

Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008



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4-834 -A Site Summary - Santa Rosa Island: Lagoon (East Side)**4-834 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island East**Thomas Guide Location:** NA

33.957

119.970

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Located on the East side of Santa Rosa Island, between Skunk Point and East Point. A small, unnamed lagoon. Wetlands are especially scarce on the channel islands. Some of the areas offshore of this site are included in the Skunk Point Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

Whenever the lagoon is open to the ocean (during periods of high rainfall, or with extreme high tides).

RESOURCES OF PRIMARY CONCERN

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Intermittent coastal wetland.

Black oystercatchers (Mar-Sep), Brandt's cormorant(Feb-Aug), Pelagic cormorants (Mar-Sep), Pigeon guillemot (Mar-Aug), Western gull (Mar-Sep), Peregrine falcon.

California sea lion (May-Aug), Common dolphin, Harbor seal .

Giant kelp, eelgrass, and seagrass.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-834 -A Site Strategy - Santa Rosa Island: Lagoon (East Side)**4-834 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island East**Thomas Guide Location:** NA

33.957

119.970

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-834.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Strategy 4-834.1 Objective: Berming

Berming - Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-834.1											10	
4-834.1				240							5	2

Special Equipment: 200 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools, 24 Stakes

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Located on the East side of Santa Rosa Island, between Skunk Point and East Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-834 Name: Santa Rosa Island, lagoon on east side Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-844 -A Site Summary - Santa Rosa Island: South East Beaches**4-844 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island South **Thomas Guide Location:** NA

33.915

120.048

SITE DESCRIPTION:

Last Page Update : 5/15/2008

On the South side of Santa Rosa Island, from East Point to South Point. This is primarily vertical rock cliff habitat with a few pocket sand beaches and wave-cut rock platforms.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through June for harbor seals pupping and breeding.

May through Aug. for Calif sea lions. March through July for nesting seabirds

All year for high concentrations of marine mammals, seabirds, and important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Rosa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Pelagic cormorants (Mar-Sep).

California sea lions (May-Aug), elephant seals (Dec-Jun), Common dolphins, Harbor seals (Mar-Jun) primarily at Ford Pt.

Black abalone

Giant Kelp.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

REFERENCES: 1. RPI-ESI MAPS (SOUTHERN CALIF ATLAS)

4-844 -A Site Strategy - Santa Rosa Island: South East Beaches**4-844 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Rosa Island South **Thomas Guide Location:** NA

33.915

120.048

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Rosa Island is located 40 miles west of Ventura and is home to large numbers of seals and sealions as well as colonies of seabirds. This site has seasonal marine mammal pupping and breeding from December through August and nesting seabirds from March through July. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-844.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-844.1										10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. On the South side of Santa Rosa Island, from East Point to South Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction Access to the island by water is available at the pier in Bechers Bay.

Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-844 Name: Santa Rosa Island, South East beaches

Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-850 -A Site Summary - Santa Cruz Island: Posa Anchorage Lagoon

4-850 -A

County: Santa Barbara

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: Santa Cruz Island A

Thomas Guide Location: NA

33.980

119.868

SITE DESCRIPTION:

Last Page Update : 5/15/2008

On the south-west side of Santa Cruz Island. Posa Anchorage has a moderate sized wetland (about 75 m inland of the ocean) with a well defined channel running through willows and scrub vegetation. This is an intermittent stream. The surrounding fine to medium-grained beach is approx. 50 m wide and two miles long, backed by bluffs in the area of the wetland, with rocky headlands further to the NW and SE. The site faces SW and is subject to strong winds and surf. Whenever the lagoon is open to the ocean (during periods of high rainfall, or with extreme high tides).

SEASONAL and SPECIAL RESOURCE CONCERNS

Whenever wetland is vulnerable to oiling (generally higher from early winter through early summer).

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Intermittent coastal wetland.

Sanderlings, Snowy plover (Mar-Sept), Willets, Brown pelicans (Feb-Nov), and gulls.

Occasional sea lions and harbor seals offshore.

Pismo clams.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-850 -A Site Strategy - Santa Cruz Island: Posa Anchorage Lagoon**4-850 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island A**Thomas Guide Location:** NA

33.980

119.868

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-850.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Strategy 4-850.2 Objective: Berming

Berming - Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
					Num	Type and Gear			Num and Type	Deploy	Tending
4-850.1										10	
4-850.2				240						5	2

Special Equipment: 200 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools, 24 Stakes

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. On the south-west side of Santa Cruz Island.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-850 Name: Santa Cruz Island, Posa Anchorage Lagoon Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-852 -A Site Summary - Santa Cruz Island: Christi Beach**4-852 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island A**Thomas Guide Location:** NA

34.022

119.870

SITE DESCRIPTION:

Last Page Update : 5/15/2008

On the West side of Santa Cruz Island. The Christi Ranch area is primarily mixed sand, gravel, cobble, and boulder beach.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through June for harbor seals pupping and breeding.

May through Aug. for Calif sea lions. March through July for nesting seabirds

All year for moderate concentrations of marine mammals, seabirds, and important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

There is a large California sea lion and Harbor seal haulout area near Kinton Pt.

Sanderlings, Willets, Brown pelicans (Feb-Nov), gulls, Snowy plovers (Apr-Sep).

Harbor seals (Mar-Jun), California sea lion (May-Aug), Common dolphin, Northern elephant seal.

Pismo clams

Giant kelp.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-852 -A Site Strategy - Santa Cruz Island: Christi Beach**4-852 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island A**Thomas Guide Location:** NA

34.022

119.870

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-852.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Strategy 4-852.2 Objective: Berming

Berming - Build an earthen berm across the mouth of the inlet using onsite materials obtained from unvegetated areas below the high tide line to minimize damage to wildlife and habitat. Install under flow pipes in the berm to allow through flows and/or a spillway with a filter barrier to accommodate flow increases as weather conditions dictate. Cover the berm with sheet plastic to minimize erosion. Second, back the berm with swamp and sorbent booms to prevent contamination from entrainment, leakage and or washover. Monitor berm and associated features to maintain their integrity and effectiveness.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
					Num	Type and Gear			Num and Type	Deploy	Tending
4-852.1										10	
4-852.2				240						5	2

Special Equipment: 200 Sand Bags, 1 Roll Plastic, 3 Culvert Pipes, 1 Hand Tools, 24 Stakes

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. On the West side of Santa Cruz Island.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDEG - OSPR & USCG Site: 4-852 Name: Santa Cruz Island, Christi Beach

Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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4-855 -A Site Summary - Santa Cruz Island: Forney Cove**4-855 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island A OE**Thomas Guide Location:** NA

34.048

119.888

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Santa Cruz Island, from Forney Cove to Black Point. This area includes vertical rock cliff, wave-cut platforms and sand or gravel beaches. Some of the offshore areas of this site are included in the Painted Cave State Marine Conservation Area.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through June for harbor seal pupping and breeding

March through November for nesting seabirds

All year for important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Seabirds

brown pelicans, pigeon guillemots, ashly storm petrel, Cassin's auklets, Xantus's Murrelets, Brandt's and pelagic cormorants,

Shorebirds

Snowy plover, sanderling, willets, black oystercatchers

Occasional California sea lions and harbor seals offshore.

Various intertidal resources including black abalone.

Subtidal eelgrass and surfgrass

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-855 -A Site Strategy - Santa Cruz Island: Forney Cove**4-855 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island A OE**Thomas Guide Location:** NA

34.048

119.888

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-855.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-855.1										10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Santa Cruz Island, from Forney Cove to Black Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-855 Name: Santa Cruz Island, Forney Cove Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-858 -A Site Summary - Santa Cruz Island: Prisoners Harbor**4-858 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island C**Thomas Guide Location:** NA

34.021

119.684

SITE DESCRIPTION:

Last Page Update : 5/15/2008

North central aspect of island. On the north central side of Santa Cruz island. Prisoners harbor has mixed sand and gravel beaches and a small creek and wetland. Nearby Chinese harbor is primarily mixed sand and gravel beach.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through August for marine mammal pupping and breeding. March through November for nesting seabirds. All year for important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Seabirds: Pelagic cormorants, ashly storm petrel, Xantus's murrelet

Shorebirds: Black oystercatchers

Harbor seals and occasional California sea lions

Black abalone

Eelgrass and surfgrass

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
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T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
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C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-858 -A Site Strategy - Santa Cruz Island: Prisoners Harbor**4-858 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island C**Thomas Guide Location:** NA

34.021

119.684

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-858.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-858.1										10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. North central aspect of island.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

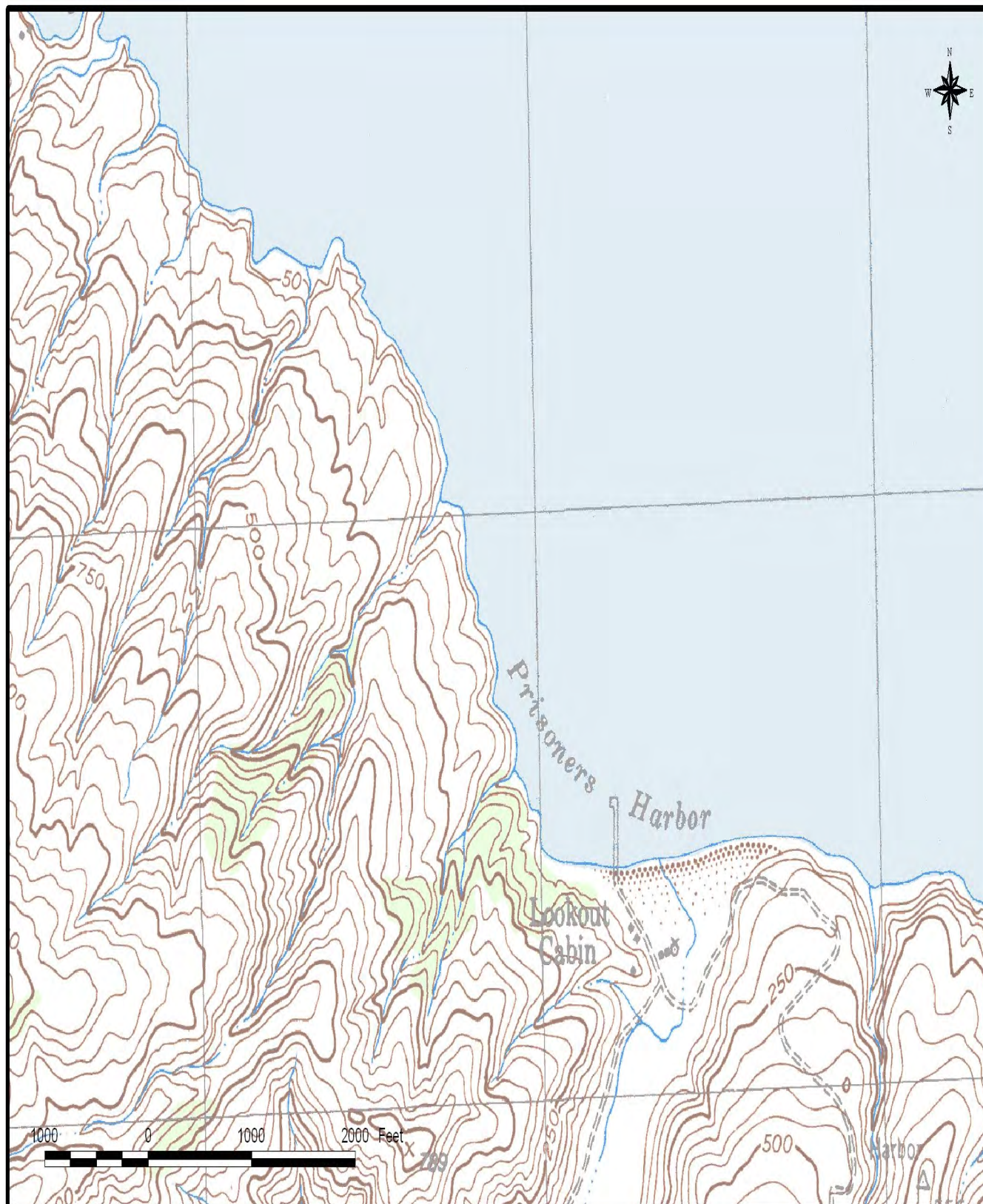
Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



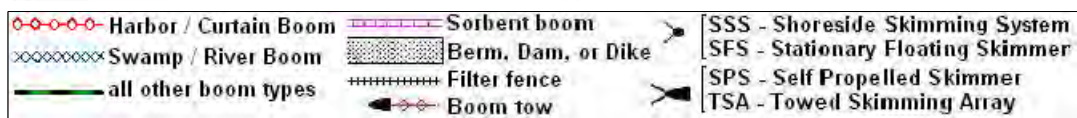
CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD

Ken Wilson (OSPR) & Joanne Sanders (OSPR)

Site Number: 4-858

Site Name: SANTA CRUZ ISLAND, PRISONERS HARBOR

Date: 16/SEPT/04



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4-864 -B Site Summary - Santa Cruz Island: Scorpion Harbor Area**4-864 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island D (digi) **Thomas Guide Location:** NA

34.017

119.620

SITE DESCRIPTION:**Last Page Update :** 5/15/2008

Santa Cruz Island, from Scorpion Anchorage to Pedro Point. Primarily exposed rock cliffs with a few pocket sand beaches. Some of the offshore areas of this site are included in the Scorpion State Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

Dec. through August for marine mammal pupping and breeding. March through November for nesting seabirds. All year for important intertidal resources

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Seabirds: brown pelicans, pigeon guillemots, ashly storm petrel, Cassin's auklets, Xantus's Murrelets, Brandt's and pelagic cormorants. Scorpion rock is of particular importance to roosting and nesting seabirds

Shorebirds: black oystercatchers, bald eagles, peregrine falcons

California sea lions and harbor seals

Kelp forest, eelgrass, rocky intertidal

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-864 -B Site Strategy - Santa Cruz Island: Scorpion Harbor Area**4-864 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island D (digi) **Thomas Guide Location:** NA

34.017

119.620

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-864.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CINP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom Amount and Type	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers		Staff	
					Num	Type and Gear			Num and Type		Deploy	Tending
4-864.1											10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Santa Cruz Island, from Scorpion Anchorage to Pedro Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-864 Name: Santa Cruz Island, Scorpion Harbor area Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-867 -B Site Summary - Santa Cruz Island: Smuggler's Cove**4-867 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island D (digi **Thomas Guide Location:** NA

34.022

119.542

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Santa Cruz Island, from Pedro Point to Middle Anchorage. Primarily vertical cliffs, coarse grained sand and cobble beaches.

SEASONAL and SPECIAL RESOURCE CONCERNS**RESOURCES OF PRIMARY CONCERN**

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

cormorants, brown pelicans, and surf scoters

Eelgrass, surfgrass

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

4-867 -B Site Strategy - Santa Cruz Island: Smuggler's Cove**4-867 -B****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island D (digi **Thomas Guide Location:** NA

34.022

119.542

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-867.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CIMP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoiled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-867.1										10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Santa Cruz Island, from Pedro Point to Middle Anchorage.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-867 Name: Santa Cruz Island, Smugglers Cove Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-878 -A Site Summary - Santa Cruz Island: Punta Arena to Near Point**4-878 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island B**Thomas Guide Location:** NA

33.951

119.824

SITE DESCRIPTION:

Last Page Update : 5/15/2008

Punta Arena to Near Point. On the south-west corner of Santa Cruz Island, the Punta Arena area is primarily wave-cut platforms, and medium to coarse-grained sand beaches. Gull Island is a large exposed vertical rocks pinnacle offshore. Some offshore areas of this site are included in the Gull Island State Marine Reserve

SEASONAL and SPECIAL RESOURCE CONCERNS

December through June for harbor seals pupping and breeding. March through July for nesting seabirds. All year as haul out site for harbor seals and California sea lions and for high concentrations of seabirds.

RESOURCES OF PRIMARY CONCERN

Santa Cruz Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Brown pelicans roost year around; nesting seabirds include: Brandt's and pelagic cormorants, Cassin's auklet, Xantus' murrelet, and western gull.

Harbor seals and California sea lions.

Black abalone

Seagrass

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
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T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
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T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

The Nature Conservancy owns approximately 75% of Santa Cruz Island as a preservation area. The other 25% is owned by the National Park Service.

4-878 -A Site Strategy - Santa Cruz Island: Punta Arena to Near Point**4-878 -A****County:** Santa Barbara**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Santa Cruz Island B**Thomas Guide Location:** NA

33.951

119.824

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 5/15/2008

Santa Cruz Island is located 20 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. At over 96 square miles, Santa Cruz Island is California's largest island and has 77 miles of craggy coastline cliffs, giant sea caves, pristine tidepools, and expansive beaches. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

Onshore response strategies for protecting onshore and nearshore resources in this area are extremely limited. Whenever possible, attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Strategy 4-878.1 Objective: Shoreline Precleaning - Prevent oiling of wrack, trash, and other materials to reduce collateral contamination and disposal problems.

Shoreline Precleaning - Refer to Channel Islands Introduction Section of 9814 (especially Biosecurity) before conducting any shorelining precleaning. A natural resource trustee and/or an archaeologist (usually a CIMP employee) may need to be on-site during work to ensure compliance with Channel Island response restrictions. Small hand crews of no more than 10 persons remove and store kelp, driftwood, vegetative debris, trash, and other materials which could become oiled and create environmental hazards and disposal problems. Segregate and dispose trash. Replace unoled debris in its former location once the threat of oiling is past.

Table of Response Resources

Strategy Number	Harbor Boom	Swamp Boom	Other Boom	Sorb Boom	Anchoring Systems		Boom Boats	Skiffs	Skimmers	Staff	
			Amount and Type		Num	Type and Gear			Num and Type	Deploy	Tending
4-878.1										10	

LOGISTICS**DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)**

Only by boat or aircraft. Closest harbors are Santa Barbara and Ventura. Channel Islands Aviation is located at Camarillo Airport and is able to fly and land on the islands. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. Punta Arena to Near Point.

LAND ACCESS:**WATER LOGISTICS:**

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Prisoners Harbor (Northeast face of center of island) and Scorpion Harbor (Northeast end of island). Caution: monitor sea conditions and depth before attempting approach.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:**COMMUNICATIONS PROBLEMS:**

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CDFG - OSPR & USCG Site: 4-876 Name: Santa Cruz Island, Punta Arena to Near Point Josh Curtis (OSPR) & Jo Sanders (OSPR) Date: May 2, 2008

Harbor / Curtain Boom	Sorbent boom	SSS - Shoreside Skimming System
Swamp / River Boom	Berm, Dam, or Dike	SFS - Stationary Floating Skimmer
all other boom types	Filter fence	SPS - Self Propelled Skimmer
	Boom tow	TSA - Towed Skimming Array

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4-880 -A Site Summary - Anacapa Island**4-880 -A****County:** Ventura**NOAA Chart:** 18720**Latitude N****Longitude W****USGS Quad:** Anacapa Island (digital)**Thomas Guide Location:** NA

34.004

119.399

Last Page Update : 10/1/2005

SITE DESCRIPTION:

The three islets (west, middle, and east) that make up Anacapa Island are oriented in an east-west direction, making it very long and narrow. The north side is primarily exposed vertical rock cliffs, with a few pocket beaches, while the south side is a combination of wave-cut rock platforms, vertical cliffs, and pocket beaches. Much of the northern offshore area of Anacapa Island is included in the Anacapa Island State Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERNS

March through July for nesting seabirds. All year as haul out site for harbor seals and California sea lions and for high concentrations of seabirds.

RESOURCES OF PRIMARY CONCERN

Anacapa Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the international biosphere preserve program.

Brown pelicans (major population), double crested, brandt's, and pelagic cormorants, black oystercatcher, pigeon guillemot, and western gull.

Harbor seals and California sea lions.

Rich and diverse intertidal communities, including surf grass beds.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation (916) 653-6624, and/or the Central Coast Archeological Information Center (805) 893-2474.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T/O	24hr Emergency Pager	Channel Islands National Marine Sanctuary	(877) 982-2617
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	Jack Fitzgerald Chief Ranger (24hrs)	Channel Islands National Park	(805) 218-0251
T	Russell E. Galipeau Jr. Superintendent	Channel Islands National Park	(805) 658-5702
T	Todd Jacobs Sanctuary Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1470
C	Kelly Minas Archeologist	Channel Islands National Park	(805) 658-5754
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 884-1465
T	Mike Morales Supervisory Ranger (24hr)	Channel Islands National Park	(805) 804-0056
T	Office (0800-1700)	Channel Islands National Marine Sanctuary	(805) 966-7107
T	Dan Richards Marine Biologist	Channel Islands National Park	(805) 658-5760
T	SURCOM (24-hr)	California State Parks (Dispatch)	(951) 443-2944
T	Ben Waltenberger CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-3082

ADDITIONAL SITE SUMMARY COMMENTS:

4-880 -A Site Strategy - Anacapa Island

4-880 -A

County: Ventura

NOAA Chart: 18720

Latitude N

Longitude W

USGS Quad: Anacapa Island (digital)

Thomas Guide Location: NA

34.004

119.399

CONCERNS AND ADVICE TO RESPONDERS:

Last Page Update : 10/1/2005

Anacapa Island is located 11 miles from the mainland and is home to large numbers of seals and sealions as well as colonies of seabirds. The three islets (west, middle, and east) that make up Anacapa Island are oriented in an east-west direction and a boat is required to travel from one islet to another. Trustee agencies may not sanction onshore response activities. Refer to and comply with introductory section of 9814 before initiating any response activities.

HAZARDS and RESTRICTIONS:

Conditions in the Santa Barbara Channel and around the islands are variable and the ocean is unforgiving. Only experienced skippers with vessels capable of withstanding severe weather are advised to make the cross-channel passage. Major shipping lanes lie between the islands and the mainland.

SITE STRATEGIES

NO SITE SPECIFIC ONSHORE PROTECTION STRATEGY FEASIBLE: There are no practicable onshore response strategies for protecting onshore and nearshore resources in this area. Attempt to collect and/or disperse oil in offshore locations before it reaches inshore areas or the shoreline. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Introductory section of 9814.

Table of Response Resources

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Only by boat. Closest harbors are Santa Barbara and Ventura. All access to the Channel Islands must be coordinated with National Parks and must follow biosecurity protocols. Refer to introductory section of 9814 for more information. The three islets (west, middle, and east) that make up Anacapa Island are oriented in an east-west direction, making it very long and narrow.

LAND ACCESS:

No road or vehicle access.

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Vessel landing available at Landing Cove (north face of island on the east end). Caution-monitor sea conditions and depth before attempting approach.

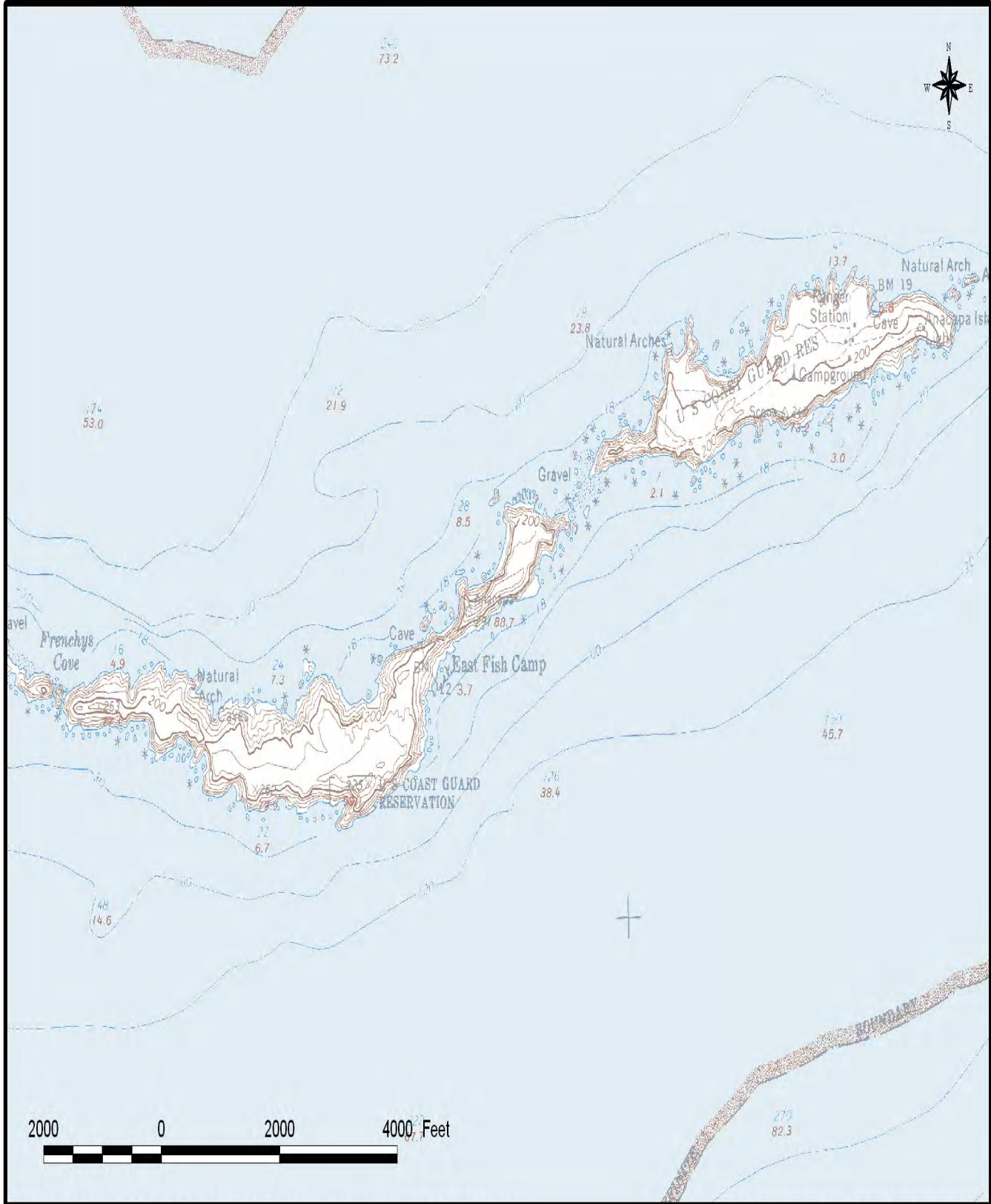
FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

Cell phone reception unreliable. Marine VHF or Sattelite phone best options.

ADDITIONAL OPERATIONAL COMMENTS:

Each island is equipped with at least 1 base station radio for communication with park headquarters and a marine band radio.



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD Ken Wilson (OSPR) & Joanne Sanders (OSPR)
Site Number: 4-880 Site Name: ANACAPA ISLAND Date: 16/SEPT/04

<ul style="list-style-type: none"> Harbor / Curtain Boom Swamp / River Boom all other boom types 	<ul style="list-style-type: none"> Sorbent boom Berm, Dam, or Dike Filter fence Boom tow 	<ul style="list-style-type: none"> SSS - Shoreside Skimming System SFS - Stationary Floating Skimmer SPS - Self Propelled Skimmer TSA - Towed Skimming Array
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9814.2 Historical and Culturally Sensitive Areas - Channel Islands

Introduction

The primary purpose of this section is to identify and incorporate into emergency response planning, the specific resources subject to injury or damages from an oil spill event. An important and immediate consideration at the occurrence of an oil spill in California marine waters is whether areas that are culturally sensitive or contain historical or archaeological resources may be impacted by the spill. The affects of oil upon these resources can be extremely damaging. Often of greatest concern to the safety of cultural and historical resources are the response actions such as establishment of equipment staging areas. Culturally sensitive areas are often difficult to identify visually and therefore pre-spill planning becomes essential to avoid damaging these resources.

Historical resources are defined under the California Environmental Quality Act (CEQA) to include, but not limited to: "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California". These sites or areas would either be on or eligible to be placed on the California Register of Historical Resources or the National Register of Historical Places.

The CEQA defines an important archaeological resource as one that: "A) is associated with an event or person of; 1) recognized significance in California or American history, or 2) recognized scientific important in prehistory; B) can provide information which is both demonstrable public interest and useful in addressing scientifically consequential and reasonable archaeological research questions; C) has a special or particular quality such as oldest, best example, largest, or last surviving example of its kind; D) is at least 100 years old and possesses substantial stratigraphic integrity; E) involves important research questions that historical research has shown can be answered only with archaeological methods."

The Channel Islands

The Channel Islands region of the LA/LB North Area Contingency Plan includes: San Miguel, Santa Rosa, Santa Cruz, and Anacapa Islands. Santa Barbara Island is included in the LA/LB South section of the ACP. These islands are part of the Channel Islands National Park (along with Santa Barbara Island which is included in the LA/LB South section of the ACP). The waters surrounding the islands are part of the Channel Islands National Marine Sanctuary (including 142 nm² of marine reserves or MPAs). The Channel Islands region contains numerous important archeological and cultural resources many of which span a period of over 10,000 years. In addition, the islands themselves and the waters surrounding the islands are important culturally due to their inclusion in the Channel Islands National Park and the Channel Islands National Marine Sanctuary.

Cultural, Historical, and Archaeological Sensitive Areas

This Area Contingency Plan does not attempt to identify the location of every site or area of cultural or archeological importance. However, it should be noted that due to the unique importance of the Channel Islands, this region should be considered a culturally sensitive site in its entirety. In the event of a spill that may impact the Channel Islands area, the following public agencies and individuals listed below should be contacted during a significant oil spill incident:

Channel Islands National Park

1901 Spinnaker Drive
Ventura, CA 93001
805-658-5720 (Dispatch)

Channel Islands National Marine Sanctuary

Santa Barbara Office
Channel Islands National Marine Sanctuary
113 Harbor Way, Suite 150
Santa Barbara, CA 93109
Phone: (805) 966-7107
Fax (805) 568-1582

Southern Office
Channel Islands Harbor
3600 S. Harbor Blvd., Suite 111
Oxnard, CA. 93035
Phone: (805) 382-6149
Fax (805) 382-9791

POC: Ben Waltenberger (Physical Scientist)
Pager (24hr): (877) 729-0127
Phone: (805) 729-3082

POC: Chris Mobley – Sanctuary Manager
Phone: (805) 729-0127

Native American Contacts

This Area Contingency Plan does not attempt to identify the location of sites or areas of importance to Native Americans. Many of the coastal areas of significance to Native Americans are known or have been identified, but are often confidential information. The contact names and telephone numbers of local or regional Native American representatives may be obtained from the Native American Heritage Commission.

A geographic distribution of Native American tribes in California is shown following the list of regional information centers for historically sensitive resources. All coastal areas for each tribe are considered economically significant, because fishing and other traditional uses span the length of coast line for each group.

Native American Heritage Commission

915 Capitol Mall, Room 364
Sacramento, CA 95814

P.O.C.: Larry Myers
Phone: (916) 653-4082
FAX: (916) 657-5390

Historical and Archaeological Sites

California has many identified historical or archaeological sites of significance near marine waters of the State. The Office of Historic Preservation within the Department of Parks and Recreation, maintains the California Register of Historical Resources. The California State Lands Commission maintains a database of known shipwrecks and other underwater marine archaeologically significant resources in state waters. Provided below is a list of references for information about historical and archaeological sites at risk from marine oil spills.

Cultural Resources Division

Department of Parks and Recreation
1416 9th St.
Sacramento, CA 94296-0001

Contact: John W. Foster

Phone: (916) 653-4529

FAX: (916) 653-3398

Office of Historic Preservation

Department of Parks and Recreation
1416 9th St., Room 1442-7
Sacramento, CA 95814
(916) 653-6624
(916) 653-9824 FAX

P.O. Box 942896

Sacramento, CA 94296-0001

Coordinator: Margaret Lopez

Assistant Coordinator: Stacy St. James

Staff Researcher: Mary Jo Tarrant

Information Centers Coordinators:

John Thomas

(916) 653-9125

Eric Allison

(916) 653-7278

California State Lands Commission

100 Howe Ave., Suite 100 South
Sacramento, CA 95825-8202

(916) 574-1900

(916) 574-1810 FAX

Long Beach – Mineral Resources Management
Division

200 Oceangate, 12th Floor

Long Beach, CA 90802-4331

(562) 590-5295 FAX

Paul B. Mount II

Division Chief Mineral Resources

(562) 590-5205

(562) 590-5210 FAX

mountp@slc.ca.gov

www.slc.ca.gov

Information Center of the California Archeological Inventory

The following institution is under agreement with the Office of Historic Preservation to:

- Integrate newly discovered sites and information on known sites into the California Archeological Inventory;
- Supply information on known sites and archeological surveys to governments, institutions, and individuals who have a justifiable need to know;
- Supply a list of consultants who are qualified to do archeological field work within their area.

Information Centers:

Dr. Michael A. Glassow, Coordinator

Central Coastal Information Center

Department of Archeology
University of California, Santa Barbara
Santa Barbara, CA 93106

Contact: Melissa Chatfield
(805) 893-2472
(805) 893-8707 FAX
ccic@anth.ucsb.edu

NATIVE CALIFORNIA

Languages and Tribes



Image obtained from the California Native American Heritage Commission website (<http://www.ceres.ca.gov/nahc/default.html>).

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9814.3 Economically Sensitive Areas - Channel Islands

The primary purpose of this section is to identify and incorporate into emergency response planning, the specific resources subject to injury or damages from an oil spill event. Subsection 9812.3 contains information that identifies through lists, tables, maps, and text, many of the economic resources that face potential damages due to an oil spill. Limitations of time, personnel, and the availability of information suggest that all resources of significant economic value and susceptible to marine oil spills could not be identified at this time.

People involved with response planning recognize that throughout California marine waters, along the State's shoreline, and within coastal communities there are many resources of economic importance that could be severely impacted by an oil spill incident.

Relation to Environmentally Sensitive Areas in Section 9814.1

Section 9814.1 contains maps and site summary sheets with information about the environmental sensitivity of specific locations within the planning area. State and Federal law establish three priority levels for dedication of emergency oil spill response resources.

- First Priority - Protection of human health and safety
- Second Priority - Protection of environmental resources
- Third Priority - Protection of economic resources

Examples of resources that will receive a first priority response (human health and safety) include:

- power plant intake
- desalinization plants
- drinking water intakes
- other health/safety intakes
- public use areas at risk (e.g. fire department)

Environmentally sensitive sites are designated as the second priority for oil spill response resources.

Economically Sensitive Areas Ranking

Strictly economic resources are designated as the third priority for dedication of oil spill response resources, following human health and safety and environmental resources. The economic sites are ranked using a continuation of the environmental scale with D, E, and F categories. Economic resources that have a greater potential for long-term damages receive a higher rank or priority for emergency response.

Response planners recognize that marine resources can have environmental, economic, and cultural or historical importance, such as coastal parks or important fishing areas. In these cases, the higher environmental ranking would be used for response planning. The need to set priorities for protection will occur only when response equipment or resources are inadequate to handle a given spill volume.

The Area Contingency Plan is a planning document intended to assist oil spill response personnel during actual response activities and with pre-spill planning. The Unified Command requires flexibility in planning response activities. This flexibility is necessary to provide the most appropriate response to a given spill event.

Criteria for Priority Response and Types of Economic Resources

The following criteria or definitions are used to categorize economic resources in terms of priority for response:

D = Economic activities and resources which require high water quality for their operations or existence. Resources that fall into this category would face severe, long-term economic impacts from a spill. This category includes commercial fishing areas (also have environmental rank), aquaculture and mariculture areas, marine labs, salt pond intakes, aquarium water intakes, etc.

E = Facilities, businesses, or resources which directly use coastal or bay waters within their economic activity and which are at risk of oiling from a spill in marine waters. The resources falling into this category would face significant disruption of their activity, but shorter term potential damages from oiling than resources in the "D" category. This category would include resources such as marinas, harbors, commercial piers, industrial intakes, and parks or recreational areas.

F = This category contains marine associated facilities, businesses and resources. These resources would face economic impacts from a marine spill, but do not depend directly on marine water for their economic base. Resources in this category will tend to face less severe damages than those identified in categories D or E. This category includes economic resources such as waterfront hotels, restaurants, shops, and residential areas. (Note: residential sites would be evacuated to avoid health risks).

Types of Economically Significant Resources and Ranking

Listed below are various types of significant economic resources potentially at risk from oiling and the appropriate response priority category.

D - Aquaculture, mariculture, commercial fishing grounds or areas, aquariums, marine labs, facility intakes (not affecting public health).

E - Parks, beaches, recreational areas vessel or boat traffic areas, shipping lanes, harbor entrances, river mouths, bays, anchorages, marinas, houseboat areas, ferries and tour boats, port or harbor facilities, boat moorings, cargo piers, terminals, fishing piers, and ship or boat repair shops.

F - Tourist, hotel, restaurant areas, and waterfront residential areas

Information about Sensitive Economic Resources within the Channel Islands

As discussed previously in Section 9814.1 and 9814.2, the Channel Islands region is home to a large number of environmentally, biologically, historically, and culturally significant sites. The area is used for a number of recreational and commercial activities including but not limited to scuba diving, hiking, fishing, research, marine resource enhancement, habitat restoration, sailing, boating, and kayaking. Due to this combination of resources and varied resource uses, the Channel Islands region of this Area Contingency Plan shall be considered an important economic site in its entirety with a significance ranking of D. This ranking is in addition to any environmental ranking provided in Section 9814.1.

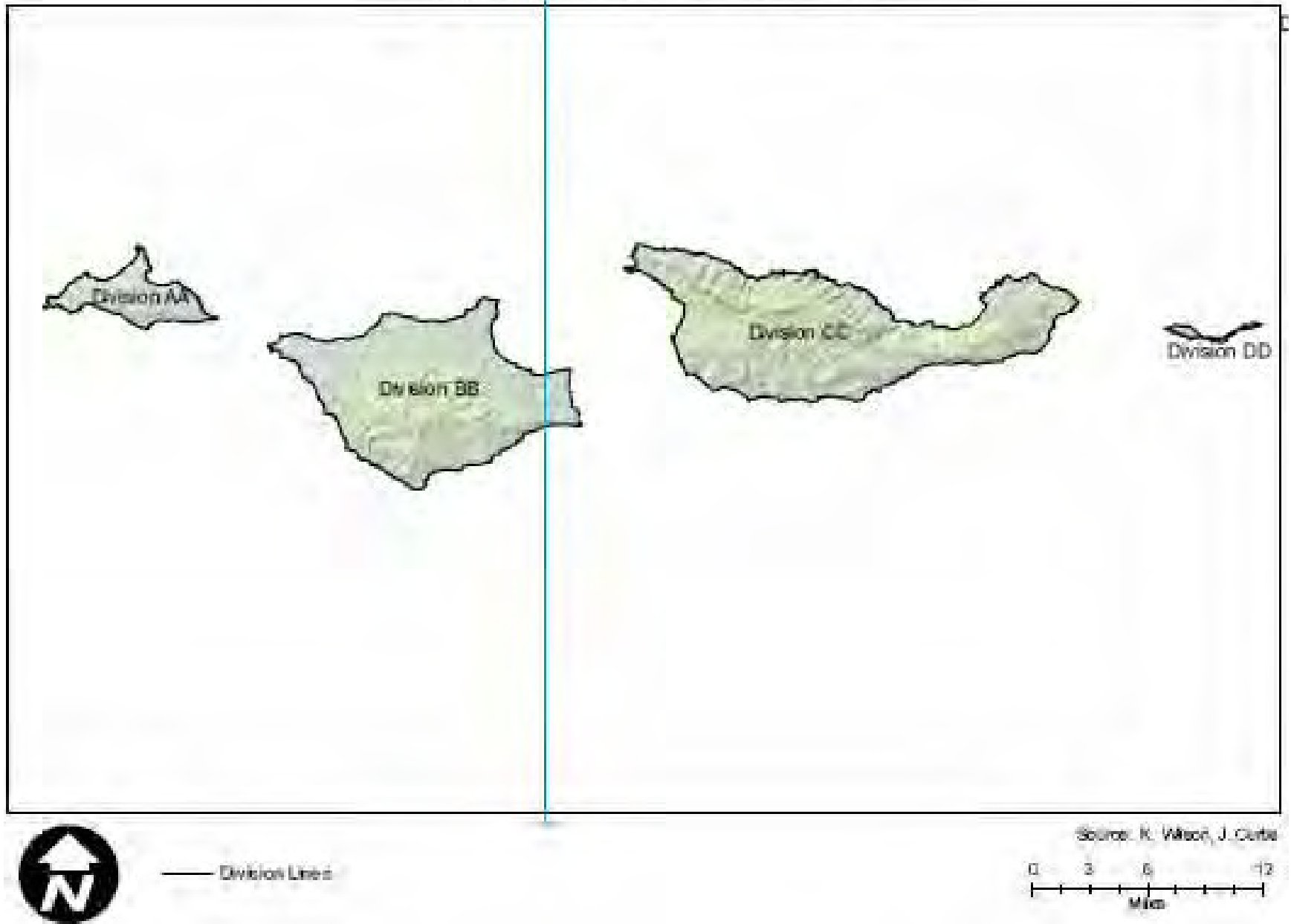
9814.4 Coastal Operational Divisions - Channel Islands

Coastal Operational Divisions are presented in the ACP as front-loaded information to assist in rapid response planning to provide for quickly organized operational objectives and assignments along affected shorelines. The operational divisions have been developed in conjunction with the US Coast Guard, California Fish and Game OSPR, and various Oil Spill Response Organizations. Experience has demonstrated that in the earliest stages of spill response, having organizational issues such as this prepared in advance is very useful to the response team.

The coastal operational divisions are organized around County boundaries and logical geo-political features such as coastal physical characteristics and land ownership/management issues combined with an attempt to provide for manageable sized coastline segments generally about ten miles in length, although some variation may occur. Divisions can be easily subdivided (as necessary) by the Operations Section management to provide for appropriate work assignment effort. Coastal operational divisions are labeled from north to south in each County using a single alpha character (A to Z). In large bays (i.e. San Diego), the labeling will progress in a clockwise direction to accommodate changing coastline angles and San Francisco Bay may utilize additional identifiers such as County characters. It is recommended that offshore operational divisions be identified with double alpha characters (AA to ZZ) to distinguish them.

Complementary response tools available in this ACP are located in section 9814.1, 9814.3, and 9814.5. These include Environmentally Sensitive Site files, Economically Sensitive Site listings, and Shoreline Access files.

Channel Islands Operational Divisions





Channel Islands Operational Divisions



Channel Islands Operational Divisions

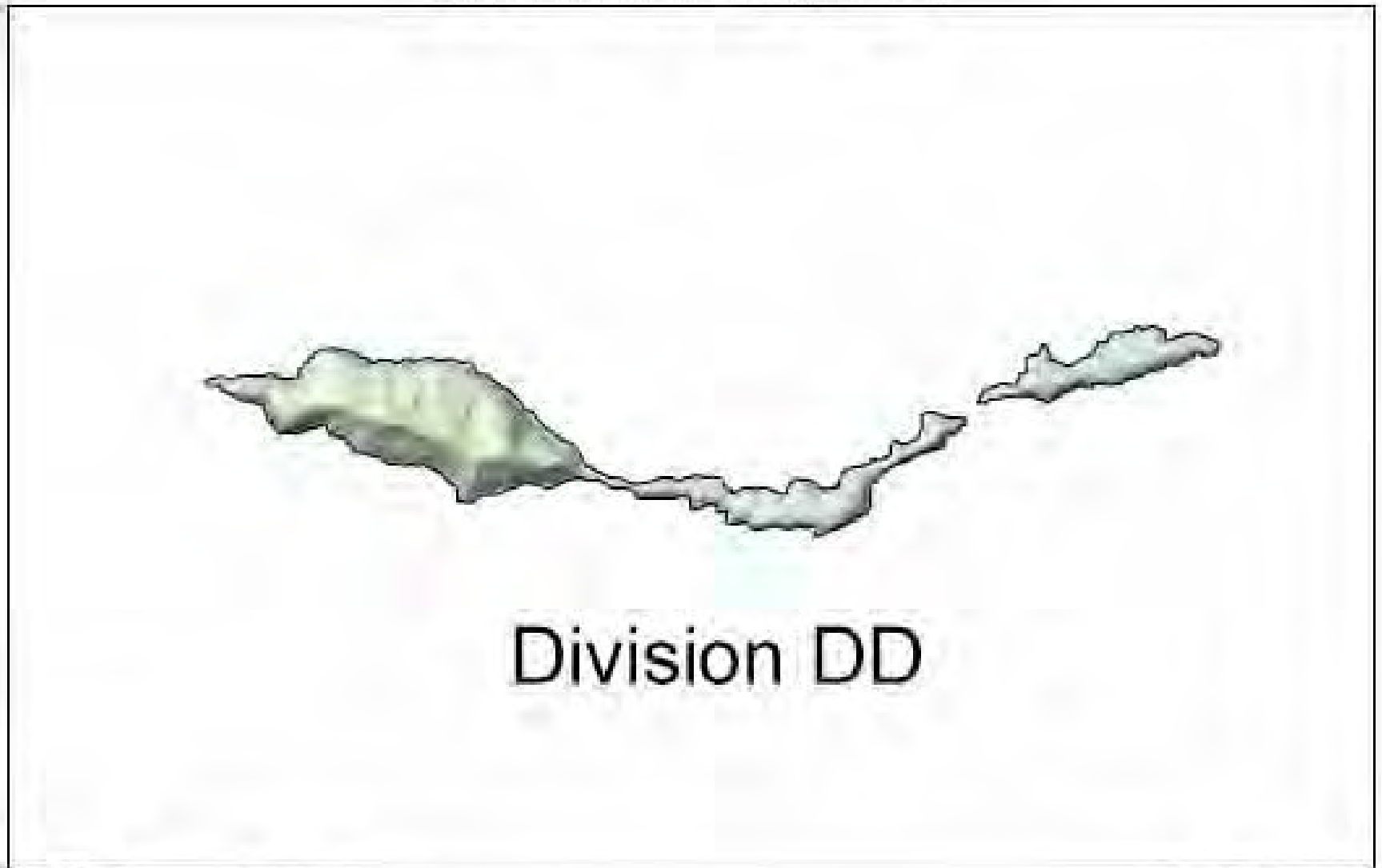


— Division Lines

Source: K. Wilson, J. Curtis

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Channel Islands Operational Divisions



Division Lines



Source: K. Wilson, J. Curtis

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